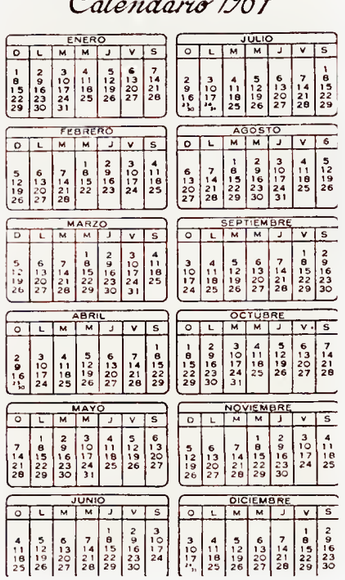
BASSETT MACHINE



Volume 33

Bassett Maguire Celia K. Maguire	60001-60019 60020-60021 60022-60023 60024-60025 60026	Peru Colombia Puerto Rico Belém, Pará, Brazil Trinidad	August 6-12, 1964 September 29, 1964 1954 December 30, 1959
Bassett Maguire Julian A. Steyermark	60027-60031	Venezuela	September 19, 1965
Bassett Maguire Celia K. Maguire	61342-61366A	Mexico	August 21-September 8, 1967
	61367-61377	Guatemala	September 11-17, 1967
	61378-61396	Honduras	September 26-October 3, 1967
	61397-61410	Nicaragua	October 7-8, 1967
	61411-61455	Costa Rica	October 11-25, 1967
	61456-61509	Panama	October 27-November 12, 1967
Bassett Maguire	61510	Amapá, Brazil	December 10, 1967
Bassett Maguire	61511-61512	Santarem, Brazil	June 20, 1968

THE NEW YORK BOTANICAL GARDEN
The Guttiferae of
Tropical Mexico and Central America
1967

No.

Bassett Maguire
Celia Maguire

Supported in large part by funds from the National Science Foundation.

Tarapoto, Peru, Aug 6, 1964
KM 15 @ 1000 m alt, mixed montane forest

✓	60,001	Tabernaemontana sp. shrub or small tree to 15-18 m	alt. flowers mottled, rose-lavender, ovary-sided	F	

Aug 10, 1964. Bagua-Pomacocha Road, on road junction at 1500 m. alt.

	60,002	Azalea - in cult bud - lost.			
	003	Caffarid. Sub-arborescent tree 4 10 m inflorescence panicled.	sandstone ca 5 km above Chachapoyas	F	
	004	Nautiana " " " 6 12 m fl greenish white	Dept Amazonas	F	
			fruit orange-yellow	F	Macrocarpaea

Aug 10 - Scrub woodland above Lago

	60,005	Clusia ♀ Tree 10 m tall, cream white, infl. 3-5 fl., petals	Pomacocha @		
	006	Clusia ♂ As above. petals oblong, cream, 6. fl	6-Cream. white, ca 2 cm long; stigmas 6, fl fragrant	F	Clusia weberbaueri Pl. & Tr.
			fragrant, anthers cream	F	Clusia weberbaueri Pl. & Tr.
✓	007	Orchid - Cochleanthes noezliana - corolla lavender	epiphyte. (ident Calloway Dodson) (U)	—	Cochlioda noezliana Rolfe

Aug 11, 1964 - Puna above Chachapoyas

	60,008	Rubus - Tommy Ledge-vine 4 3 m. fl. white	2300 m alt.		
	009	Hypericum Locally dom shrub to 6 dm high,	fruit edible	C	Hypericum
	010	Eupatorium shrub to 3 m high, fl white		F	
✓	011	Melastome - flowers white - herbaceous shrub to	1 M high.	O	
✓	012	Compositae shrub 4 2 m. fl. white		F	Austroeupatorium inulifolium (Kunth) R.M. King & H. Rob. det. H. Robinson
✓	013	Compositae - herbage purplish.		F	Chromolaena anachoretica (B.L. Rob.) R.M. King & H. Rob. det. H. Robinson

Aug 12, 1964. Utcubamba cañon, at

	60,014	Clusia ♂ Tree to 18 M. latex white, pet white ca	± 1000 m alt. 30-50 km above Bagua.		
	015	Clusia ♂ " " " " " " " " " "	4 cm long, 10 dam. low seasonal forest.	A	Clusia ?
			sepals etc. first coll. uniflorous, 2nd cymes 1-3 flowered	A	Clusia ?
✓	600/16	- Tibouchina - data as 8/10/64 - Bagua	Pomacocha Road.	O	
✓	17	- Dodonaea - data as 8/11/64 - shrub 2-3 M		C	Dodonaea viscosa L.
✓	018	- Comp. - " " 8/11/64 - flowers white		F	Ageratina cretovenosa (Klatt) King & Rob. det. J. Pruski, 1992
✓	019	- Comp. - " " " -		F	Baccharis phylicoides HBK post Cuatrecasas

September 29, 1964 Buenaventura, Colombia

60070 Clusia ♀ - apparently a tree to 10 M, latex scanty, cream-clear, petals greenish, linear, F
2-3 mm wide, styles (4)-5, flowers fragrant.

071 Clusia - ♂, latex scanty, cream-clear, tree to 10 M, sepals white, petals white, 5, F
pandurform, androecium pentaporal, white branchlets 2-angled

El Yunque, Puerto Rico at 3400' alt. 1954

60022 ② Clusia Forestid area F

023 ③ Clusia " " F

Pará, Brazil, near mouth of Belem Reservoir Lagoa do Utinga, via Belém, Dec 30, 1959.

60024 ① Clusia, sect. Eudusia. 8' woody terrestrial tree 6-10 m. high, bole Wholly ~~tree~~ much branched
moderate yellow F

025 ② Clusia " " ♀ of 60025. same data F

Trinidad woodland 10 mi E/t from Arima Valley. on Arima - Blanchisseuse Rd.

60026 ① Clusia Branched tree. O

September 19, 1965 - Venezuela B.M. - J.A.S

60027 Clusia cf. multiflora. Coast range @ 1800 m - 10-20 m tree, common along ridges in cool fog forest, fr. Lito, but different species fragrant, petals yellowish-green, latex white E

028 " " " Lito, but different species larger flowers & fruits O

029 ♀

60030 ♂ Chrysochlamys. Tree to 12 m high, 20 cm diam., with whorled branches & leaf scars, arising from base occasionally, sometimes, flowers greenish-yellow, fragrant, latex white single slender unbranched trunk Type F Chrysochlamys clusiaefolia Mag.
; bole wholly ~~tree~~ much branched
Simon & Colonia Tovar, Fed. Dist. at

60031 1500 m. alt. — wet serpentine slope
Isla mile 60030

Not numbered

6♦ 342 = 61342

Chipco Klanga Chimpiri Loop

Kasa — Kasanga Road —

Dept. Chipco Coop. Loop Road.

Dept. Kasanga — Mpika Road. (Mpika side)

Epiphyte

Mpika

Epiphyte on Syzygium

Epiphyte on Syzygium

Epiphyte on Syzygium

60350

(V) C Closing Value Journal Entries Report

61351

(Fruit- Supplies)

L 1352 [illegible] Dumont-Bonnelay [illegible]
[illegible] V, [illegible]

L 1353 [illegible] Dumont-Bonnelay [illegible] [illegible] de 5 M [illegible]
[illegible] [illegible] (V) F

L 1353 [illegible] [illegible] de 3 M. [illegible] prés [illegible] 1200 M [illegible] V.

L 1354 [illegible] Schaus, [illegible], 1200 M alt. 1 [illegible] Schaus & Dumont.

L 1355 [illegible] - 570 M alt. Dumont
[illegible] Dumont-Bonnelay [illegible] 900-1000 M. Liefe
[illegible] rec (Gattung [illegible] Tarsalia)
[illegible] "Menela" = Liefe [illegible]

L 1356 [illegible] Tarsalia [illegible] / [illegible] [illegible] / Fw 7.5 (V.)
[illegible], dorsum, [illegible]

L 1357 [illegible] ♀ - Tarsalia [illegible] [illegible] Dumont-Bonnelay [illegible] (V)
[illegible], [illegible] 1), [illegible]

L 1358 [illegible] Dumont-Bonnelay [illegible]. Kw. 20.

L 1359 [illegible] - Flores, [illegible], Tarsalia [illegible] Kw 10

Dumont-Bonnelay [illegible]
[illegible] (Gattung Tarsalia)

Clubiona [illegible] Thorell 1877

Clubiona [illegible] Thorell 1877

Tarsalia tepezapote Schlocht. & Chamb.

(Clubiona tepezapote (Gertsch) Dumont-Bonnelay
Tarsalia tepezapote (Gertsch) Platnick 1990)

	[illegible]	[illegible] Chiapas	
6/1 [illegible]	[illegible] Trees 15 M high, 30 [illegible]	[illegible] Ⓓ F	
6/[illegible]	[illegible] Trees 12 M high, [illegible]	[illegible] F	
6/364	[illegible]	Ⓓ F	
6/[illegible]	[illegible]		Climax [illegible]
6/[illegible]	[illegible] # of 6/363. Trees 12 M [illegible]	[illegible] Ⓥ O	Climax [illegible]
[illegible]	Tropical Rainforest - Hearing Aids		
6/[illegible] (5-12)	[illegible]		
6/365	Climax - Trees 8-12 M high, [illegible] trunks. [illegible] Vic. El [illegible], route to Tapachula, via Highway 80.	[illegible] group boarders, clear in clearings 23 miles from [illegible] (From [illegible])	Climax [illegible]
6/[illegible]	Tapachula, Chiapas, alt. 137 M. ([illegible] Tropical) [illegible] alt. 1250 M, [illegible]	Sucrite, [illegible]	

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9/18/[illegible]

Titus Peten.

Titus Peten

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9/18/[illegible]

Santa Cruz City

9/20/[illegible]

Santa Cruz City

9/21/67 — Guatemala City

9/22/67 (3877) — Guatemala City → Quiriguá → Quezaltenango. — alt. 7335 M.

9/23/67 (4018) — Quetzaltenango to Finca Potzulin

9/24/67 (4052) — Finca Potzulin to San Salvador, El Salvador.

9/25/67 (4294) — San Salvador to San Miguel, El Salvador.

9/26/67 (4384) — San Miguel, El Salvador, to Tegucigalpa, Honduras. — alt. 2700 ft.

61378 — Clusia - Round crowned tree to 15 M. Sepals petaloid, white, pink-tipped, petals commonly 7, by pistillate crowns clavate, stigmas 7, visible in fruit, synsepal 5-6 mm high. Petals broadly obovate, name "Hasta". Collected 30 miles south of Highway. — yellow, capsule, sepals 6, dull-white, androecium 1/2 removed from fruit 7- celled with prominent 3 cm long, 3 cm long. Common Tegucigalpa on Panamerican (V) LF

9/27/67 (4504) — Tegucigalpa to Zamorano - Escuela Agricola Panamericana — alt. 2700 ft.

9/30/67-4554 — Zamorano, Tegucigalpa, Honduras - 2700 ft.

61379 — Polygala longicaulis HBK. Flowers purple. tree like — woodlands, Highway #4, vic Danli. F. Polygala longicaulis HBK - det. Mc.

[illegible] Ungava [illegible]

[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] M [illegible]

[illegible] M [illegible]

[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] [illegible]

61390 Clusia — shrub 1.5–2 M high. Lat. bajo Vojoa + Cuesta Cay. Lu.

10/3/67 (4 931) bajo Vojoa, Cortés → El Zamorano

61391 Clusia — ♂ Tree 12 M high, petals pale lemon Parranco pl. pas, in pine zone, abt 1 Km. below — roem, stamens white, flowers fragrant O Socorro. alt 1000 M (V)

61392 Clusia ♀ — Abup roadside in Socorro. Fruit globose, 5-celled, stigmas 5. (V) F.

61393 Clusia — ♂ — Sepals 4, petals 4, carnose, cream-tan, Trees to 15 M, pl. pas + quebradas in dry scrub area, 13 miles below Siguatepeque. Stigmas 12–13, ca. arranged in a rectangle around summit. Fruit excessively carnose, angular, 1.8 Cm L, 1.7 cm W. O below fruit, Km. 128–130, ca. 1 mm high, fruit flat-topped, stigmas solitary, terminal. (V)

61394 Clusia ♂ — same data as 61393. anthers sessile on a quadrangular androecial base. Petals 1.6 cm L, 1.6 wide, O

61395 Clusia — ♀ data as above. leaves coriaceous Sniffle (V) O

61396 Clusia — ♀ — data as above. (V) O

10/4/67 El Zamorano

10/5/67 El Zamorano

10/6/67 (5105) El Zamorano, Tegucigalpa, Honduras, to Managua, Nicaragua.

61401	Clusia ↑ - Bushy tree 10 M high, petals pale [illegible]		F	Clusia palmana Standley ! Bk. 1977
61402	Clusia			
61403	- Tree 15 M high [illegible]	[illegible] of low ground.		
61404	Clusia - Tree 10 M high, [illegible]	low ground		
61405	Clusia ↑ - Tree 6-8 M, sepals 4 petals 5, later [illegible]	[illegible]	O	
61406	Moss - Dept. of Antioquia. 1500 ft alt.			
61407	Moss - " " "			

61397	[illegible]		F	Clusia palmana Standley ! Bk, 1977
61398	Clusia ↑ - Tree 5 M, [illegible]		F	Clusia palmana Standley ! Bk, 1977
61399	Clusia ↑ - Tree 10 M high, [illegible]		F	Clusia palmana Standley ! Bk, 1977
61400	Clusia ↑ - Bushy tree 10 M high, petals pale [illegible]		F	Clusia palmana Standley ! Bk, 1977

61416	Clavaria vermicularis – Rondeau d'Aranjuez près de Paris, sapins, [illegible]	[illegible]		
61417	Cryptomyces [illegible]	[illegible]		Erythricium laetissimum (Lév.) D.P. Rogers & H.S. Jackson, 1930
61418	Peziza [illegible] – Sur [illegible]	[illegible]		Pezizella lanuginosa (Sowerby) Sacc. & Trotter, 1913 / Calycina citrina (Hedw.) Fuckel, 1870
61419	[illegible]			
61420 (6253) (1911)	[illegible]			
61421	[illegible]			
61422 (6255)	[illegible]			
61423	[illegible]			
61424	[illegible]			

Clusia palmana Standley
! Bhs 1977

Clusia palmana Standley
! Bhs 1977

det + ⓒ W. Judd (FSU) 1987
Clusia major var. crispifolia (Urban) Stevens

Blaton woodsmith Shaw, det W. 1967

[illegible]

[illegible] - Tunisia. [illegible]

[illegible] 3432-M.

[illegible]

6/427 [illegible]

6/428 [illegible]

6/429 [illegible]

6/430 [illegible]

6/431 Lens - Two wild and cultivated varieties, received from the Botanic Central [illegible]

6/432 Lens - Two wild and cultivated varieties from [illegible]

3432-M. Vicia benghalensis (L.) [illegible]

Syria

[illegible]

4.

[illegible]

[illegible]

[illegible]

Clusia odorata Seem.

clusia odorata Seem.

Turrialba (1)

Clusia palmana Standley
Fl. Pan. 1977

Hypericum triquetrifolium Turra

6/463 Clusia ♂ Locally frequent in forest 10 M high, trunk diam. 10 cm, bark brownish, latex white, sparse.

6/464 Clusia ♀ Locally frequent in forest 10 M high, trunk diam. 10 cm, bark brownish, latex white, sparse.

6/465 Clusia ♀ Locally frequent in forest 10 M high, trunk diam. 10 cm, bark brownish, latex white, sparse.

6/466 Clusia ♂ Locally frequent in forest 10 M high, trunk diam. 10 cm, bark brownish, latex white, sparse.

6/467 Clusia ♀ Locally frequent in forest 5 M high, trunk diam. 10 cm, bark brownish, latex white, sparse.

Volcanic Ranges — 1200 Meter. (V)

Clusia odorata Seem

Clusia odorata Seem

Clusia odorata Seem

61468	Clusia ♂? —	8 miles from Boquete.	Clusia odorata Seem.
61469 M	Moss		
61470	Clusia minor — Rarely tree 5 M high, latex white, beneath, petals 5, pellucid punct.	fruit red, styles 6–8, rotate, cuspid (V)	
10/28/67	Citricos — in premitas.		
61471 M	Moss		
61472 M	Moss		
10/29/67	Citricos		
10/30/67	Citricos to Changuinola, Bocas del Toro, Panama.	(United Fruit Co.)	hrs. Clyde S. Stephens. hrs. Sam Zamurray.
61473 A	Clusia — massive epiphyte in large tree, latex 3 pairs, subpetaloid, white, green-tipped, podiform, ca. 2.5 cm long, 18 mm broad, column high, anantherous, staminous, stigmas 9–10, styles	yellow-brown, moderate, sepals cup white, petals 6, obovate, panduriform, androecial ring ca. 2–3 mm initially rotate at length suberect. (V)	Clusia erectistigma hrs. sp. nov. ! B hrs 1978 TYPE
61473 B	Clusia — Fruiting material.	(V)	Clusia erectistigma hrs. sp. nov. BHS, 1978.

6 1474	Clusia – Epiphyte in large tree (Septonema), latex white, sepals 3 pairs white with green tips, the margins particularly at the end Clusia-like bracts, bracteoles 2 ½ cm above, androecium creamy 1–5 flowers	rose-brown, withering, greenish yellow 5–6, petals 5–6, pentagonal, 18–20 mm long, 12–16 mm pentagonal, glistening. (V)	Clusia sanctistigma Maguire & Steyermark
10/31/67	Clusia sp. to Almirante, Peces del Toro, Panama		
61475	Clusia – ♂ Shrub 4m, latex cream-white	numerous on rocks under spray. (V)	Clusia sanctistigma Maguire & Bunting, 1978
11/1/67	Almirante to Peces (Colon) Islands, Peces de Olaya Carretera Adolfo Chiari.	Toro Prov, Panama.	
61476	Clusia ♀ – large epiphyte in mangrove, partly near sawmill, ca 3 km from town of Bocas, stigmas 8–10	cream excedingly glistening, latex cream-tan, petals white.	Clusia sanctistigma Maguire & Bunting, 1978
61477	Clusia ♂ – Epiphyte, latex tan-brown, petals white, sepals 2 pairs, white with green long, 16–18 mm broad, claw marginally red, base, androecium highly glistening.	– ca 5 km from Bocas. tips, petals pentagonal, ca 2 cm pink red-brown above towards (V)	Clusia sanctistigma Maguire & Bunting, 1978
	Colony Sea drive.		
61478	Clusia ♀ – Epiphyte in large tree, petals rose sepals 2 pairs, white.	4–5, latex yellow-brown, (V) C	Clusia sanctistigma Maguire & Bunting, 1978

61479	Clusia sp. - Ramo con frutos nº 60478, flores de color rosa, hojas coriáceas, nervadura muy marcada	5 - Pluvial - Pluvial pseudoxerom.	C	Clusia sp. Ecotono higrofítico - Pluvial
61480	Clusia sp. - Epífita con raíces, pedúnculo con hojas, crecen en bosque.	4-5 10 km from town	(V) C	Clusia sp. Ecotono higrofítico - Pluvial

11/2/67 Bajo del Toro to Citricos.

11/3/67 Citricos, Chiriqui, Panama

11/4/67 (AM) Citricos to Rio Sixaola, Bocas Province, Panama. Rio Sixaola Region, Bocas Province, Panama. Sixaola Region

61481 Clusia sp. - Tree 15 M

61482 Clusia sp. - Tree 12 M

61483 Clusia sp. - Tree 15 M

11/5/67 Citricos

11/6/67	Clusia - vic. Potrerillos, Chiriqui.			
61484	Clusia - ♂ Tree 10M high, under cultivation, latex	white, stylose-9	V	H.
61485	Clusia ♀ - large tree with open crown to 20M high,	latex yellow.	F V	H.
11/7/67 (2319)	Clusia to Aguadulce, Coclé Prov., Panama			
61486	Clusia ♀ - Bushy tree with round crown to 10M high, latex (40 miles N. of Santiago, en route to Aguadulce) petals pale pink, 5,	white.	alt. 350M. V	F
11/8/67	Aguadulce, Prov. Coclé, Panama. Cultivated in Plaza opposite main hotel.			
61487	Guanacaste - Tree 10M high, with moderate white latex. fragrant, branches of inflorescence opposite, petals white, 4, oblanceolate, 1a, one exp, stamens numerous, ins	inflorescence white, flowers white, V white, sepals 2 pr, white, pubescent, petals fascicles, yellow.		
	El Copé, Coclé, Panama			
61488	Clusia - ♀ - Small bushy tree.	on hill overlooking Calle Copé, 1000 M. alt.		
61489	Clusia - ♀ - Large tree to 30M, latex yellow. prominent, stigmas 7-8, rotate, fruit 7-8-celled, greenish-	Discoid syncarp ca. 6 mm high, V white, somewhat angular along commissural sutures		
61490	Clusia - Seedling of 61489.	latex yellow.	H.	
61491	Clusia - Shrubby tree 8M high, frequent in scrub- savanna areas.	8 miles below El Valle, Coclé, F		Panama.

[illegible]	[illegible]	Cerro Neiba		
61492	[illegible]	[illegible]	V	Clusia [illegible]
61493	Clusia ♂ - [illegible]			Clusia [illegible]
61494	[illegible] ? - [illegible]		V	
61495	Clusia ♂ - Small tree 10 M high, [illegible] petals white, (5)6, elliptic [illegible]	[illegible] 12-14 mm long, [illegible]	V	Clusia [illegible]
61496	Clusia ♂ - Tree 15 M high, later moderate, clear [illegible]	[illegible]	V	Clusia [illegible]
61497	Clusia ♂ - Tree 12 M high, later scanty, oxidizing	[illegible]	V	Clusia [illegible] Standley
61498	Clusia ♀ - Small tree 5 M high, later scanty, clear, [illegible]	[illegible]	V	Clusia [illegible] Standley

6/1502 — Clusia ♀ - Tree 10-12 M high, fruit-pistillate and sterile, latex clear becoming whitish. — trunk-shaped, 1-stiches, red — U. Clusia subsect. Dimorphandra Pittier 1937

6/1503 — Clusia ♀ - same as above, flowering material. — Styles 6-7. — (V) — Clusia subsect. Dimorphandra Pittier 1937

6/1504 — Clusia ♂ - Small tree, latex watery, cream-yellow, stigmas 7, sessile, reflexed

6/1505 — El Valle, Cocle, Panama to Panama City — El Valle on summit, highway — Clusia - Tree to 15 M, latex yellow. Sepals red, fruit-pistillate only, C.S. — to Panama, 5 Km. W. of El Valle — synthetic prominent, stigmas 7-8.

1/12/67	Panama - Trec [illegible] hotel, today cross Darien 3 parts, [illegible] pass [illegible] hills, forests with pools, part without pyrethrum, [illegible] part with [illegible] Indians, [illegible]	browns, [illegible] rocks, rapids, [illegible] [illegible] river, [illegible] 7-9, [illegible], [illegible]. (V)
1/13/67	Chucu mucu - Sweet Lucky Star to 6 M, [illegible]	[illegible] [illegible] [illegible] [illegible]
61-62	Chucu mucu - Fruit rock, Lapa [illegible]	[illegible].
1/16/67	Panama City, R.P.	
1/17/67 (Wed)	Panama City to Colon. Continental Divide	at 558 feet
61509	Chucu mucu - [illegible] over 600 high, [illegible] Carretera to Colon, 30 miles [illegible] Panama vicinity Gatun Lake.	yellow, [illegible]. Along Panama City - to Atlantic Drainage. (V)
1/13/67	Panama City R.P.	
1/14/67	Panama City	
1/15/67	Panama City to New York	
1/16/67	Arrive New York 2 PM.	

Transferred from S.C. December 13, 1967

B.M.

61510 Clusia - Epitype with capsule and latex
1 km. below São Miguel, 10 km. above São Joao,
Rio Carucaru, Nr. São José.

Brazil - Edo. Pará, Sudan Forest Experiment Station, 31 km S.E. Santarem. June 20, 1968
61511 Polyporus on fallen log, from milk juice F
61512 " " " " F

EPP

British Honduras.
Elusa belgicum Staudl. Camp. 33 on Swietenia bark,
April 1931, Schupp 1242

Mexico

EAP, D

Guatemala

Cluster conferta Standl. Dept. Ultra Comayagua near Tactic, alt. ca 1577 m, April 16, 1941, P.C. Standley 72023

Ul.

El Salvador - Honduras

EAP Dept. El Paraíso - El Jicaro El Paraíso l.c Danlí, 700 - 800 M, in pine forest, 2/11 - 23/1949 Standley 16357.

" " - El Jicaro. Diamante y Río Yeguare, margins of Río Lizapa, between Jamile y las Tapias, 1300 M, low, 1950, Lundell 3543

Dept. Cortés - El Cantillo low hacinamo del Río Lindo, 300 M, Dec 28/1946, Williams 11377

* Dept Cortés El quadrangula partlett, Santa Cruz de Yojoa, area de lago Yojoa, shrub 2-4 M, 800 M, 3/31/43, Lundell 1170

Dept Comayagua El Salvinii Dona Sin. Parranco Trincheras, 20 k norte of S. Guatapeque, 1200 M, Williams 18039, 4/17/51

Dept. Morazán El. salvinii. Cultivada. 1500 M, 7/21/64, Molina 11020

" Intibucá. El. " Km 16-13, carretera a Intibucá 16001

" Morazán 5/21/1964, Lundell 13056

El. salvinii. Roadside, San Juancito, 1600 M, 10/28/51, Williams 5414

" " El salvinii. San Juancito forest in San Juancito lots 2200 M, 4/10/54, Williams 18897

" " - El. salvinii. Km. 54 de Zambrano, Lundell 14426, 6/25/64, 1500 M

* " Yoro El. standleyana, growing on wall of cultivated in Sabana Grande, 4 km. South Yoro, 550 M, 12/29/55, Johannessen 681.

* El. standleyana, margins of lake Yojoa near Pto Sole, 630 M Williams 14605, 8/9/48.

Molina 7018
13758
14396
Ebers 706
} = M + M collections PM. Oct 3, 1967

Dept. Morazán. Honduras

EAP Elusine flavofusca (Willd) Pers. Syn. 2, 1806
l.c El Zamorano. ca 800 M alt. Dept Morazán
Standley 12-518 A

EAP Elusine flava. El Jicaro, above El Zamorano, Río Caparroza, coll. pine forest, 800-900 M, Nov. 9-19, Standley 20866, Standley 20866

EAP Elusine flava. Barranco, las Mesas, 900 M, Nov 23/46 Wms & Lundell 10342

EAP Elusine flava Road to San Antonio, El Zamorano, alt 850 M, June 19, 1947, Lundell 125.

EAP. Elusine flava - Wooded hillside. El Jicaro, above El Zamorano, 900-1000 M, 8/17/50, Standley 26430

EAP. Elusine flava. Shrub near Suyapa, alt 1000 M, 9/9/46, Williams & Lundell 10534.

EAP. Elusine flava Tree 13 M, las Mesas, in mixed savanna, 6/30/61, Lundell 706.

EAP Elusine flava. - Tree 6 M, Río Tamara Valle Tamara, alt 1000 M, 6/28/64, Lundell 14396.

EAP Elusine flava - Tree 3-5 M, las Mesas, alt 900 M, April 30, 1964, Lundell 13985.

Dept Cortés Elusine flava Río Lindo near lake Yojoa, 630 M, 12/28/46, Williams & Lundell 11477

EAR Elusine flava. Quebrada Sta Cruz, Río Sta Cruz, 210 M, 12/6/50, Lundell 3665.

EAR Elusine flava. Quebrada de Olotillo, 15 Kms from Yoro, 1100 M, May 8, 1956, Lundell 6857, Dept. Yoro

Dept. Comayagua El. flava. La Libertad, 400 M, May 21, 1952, Lundell 7018.

" Bosque de pino-liquidambar, montaña la Unica, Cordillera Comayagua, cerca de Comayagua. 1200 M, May 22, 1952 Molina 7103.

Guatemala

EAP Chiva fava Dept Huehuetenango, Trig. Point, La Cumbre, alt 4000 ft, 12/2/57, Solomon Taylor 2162 B

EAP El Florida Dept Huehuetenango, La Fundadora, 1300-1500 M, Feb 1963 Lewis et al 24834

EAP El Jicaro Dept Izabal, Sierra near Izabal, Finca La Cruz de la Cruz, 1050-1350 ft, 6/27/47, Standley 76158

EAP El Jicaro Dept Zelaya, vic El Recreo, Rio Lurico, 30 Mar, 4/23-5/14/1949, Standley 19510

" El Jicaro Dept Zelaya Bosque-montanas de Esquipulas y Celemán, Rio Celemán, alt 150 M, 11/27-29, 1950-1, Molina 4757

El Jicaro, Central Cordillera, between Huehuetenango & Finca, Dept Huehuetenango, 1500 M, 2/20/1963, Williams et al 24617.

El Jicaro - Dept Izabal, Cerro de la Cruz, ne zone near Finca, 1300-1400 M, 7/3/47, Standley 77038

El Jicaro Finca Lemus, Cañon Chiquito, Dept Zelaya, Shreve & Molina 4999.

Costa Rica

EAP Chusea alata Pl & Tr. Carretera Inter PN 7100 M, Prov Cartago, 2/5/51, J. B Rossiter

EAP Chusea alata Pl & Tr, Cuesta Grande, 1600 M, Prov Cartago, 12/28/51, J. B Rock 617.

EAP Chusea alata Pittier, Cerro de San Rafael de San Ramon, 1927, prima 5911

EAP Chusea sp Epiphytic shrub in tops of large trees Espumas Trail preserve, P H Allen 1552 6/5/51, alt. 3000 M, Prov of Puntarenas

EAP Chusea sp. Epiphyte, vic Heredia, on Barba & Celadpuela Highway, alt 1000 M, P.H. Allen 5655, 9/16/50

EAP Chusea sp Epiphytic shrub, Espumas forest, between Rio Espumas & Palmar, 2000 ft, 9/21/50, P.H. Allen 5655

EAP Prov Guanacaste. El Jicaro, Leon 3200 alt 6500 M 3/15/51

" Prov Limon - El Jicaro Sueno y Dos Bocas, scattered. 6/3/51 Shank & Molina 4295

Prov Cartago El Jicaro. Leon 3597, 6/28/1951, Tuscaltan.

El Jicaro Peñitaye, 600 M, 3/11/1951, Leon 3177

El Jicaro Epiphyte 1600 M, J. B Rossiter 5/30/51

El Jicaro, Tuscaltan, 6500 M, 10/12/51-2, Cordoba 291

El Jicaro. Santa Juana de Dota. April 25, 1952, H. E. Stork 4573

(see page 119)

Panama

EAP *Clusia* [illegible] Pittier Stout epiphytic shrub 4ft, flowers white, coast of Coco Pajita, hills west of El Valle de Anton, Cocle Prov, 3200 ft alt Sept 24, 1946 PA Allen 3757

EAP *Clusia minor* [illegible] Tree 25 ft, Llano del Volcan, western slopes of Chiriqui Volcano, 4500 ft, May 27, 1946, PH Allen 3555

Clusia croatii Standl. Cocle, vic El Valle, alt 700 meters, Sept 6, 1935, PH Allen 771.

-*Clusia cooperi* Standl. Bocas Island near Almirante, Prov of Bocas del Toro, 1928, H. P Cooper 466

-*Clusia tetraphylla* Standl. Panama Railroad, east of Cana-Cuaco Trail, Chepigana District, Prov. Darien, alt. 1500 ft. March 15, 1940, W.E & R.D Terry 1565

EAP *Clusia sp.* Tree 30 ft, flowers pinkish-white, fragrant, vic Campo Alegre, Panama Prov, 2400 ft alt Jan 7, 1947, PH Allen & Graham Barcella 3960

-*Clusia rosea* Schery Bocas del Toro, Chiriqui Lagoon near sea level, Oct 12, 1946, H. von Wedel 1136

-*Cl. minor* L. Coco, Prov. Herrera 300 ft alt Jan 21/47 Allen 4067.

-*Cl. odorata*, Prov Veraguas, 1500 ft, hills west of Soná, Allen 1072, Nov 24, 1938.

-*Cl. odorata* Llano del Volcan, Chiriqui Volcano, 4500 ft. May 27, 1946, Allen 3553

-*Cl. odorata*, Coco, Prov. Herrera, 100 ft, 1/22/47, Allen 4067

-*Cl. palmana* Standley Alejuela, Villa Quesada, 5250 ft, Curtiss Smith 1751, March, 1939.

* *Cl. palmana* Standley. Tops of trees 150 ft, slopes of Cerro Hoquera, Bocas del Toro Prov, 6000-7000 ft. 1/6/47 Allen 4953

-*Cl. rosea* L. Cocle Prov, El Valle de Anton, 2100 ft, May 9, 1941, along road, Allen 2501

-*Cl. stenophylla* Standl. Bocas Island near Almirante, Prov of Bocas del Toro, 1928, H. P Cooper 464

- Costa Rica

E AP

Elvira gracilis - Prov. Puntarenas, epiphytic climber, Espumas Finca Cellier 6661

El. gracilis Golfo Dulce + Rio Tiribita, Puntarenas, Alexander F. Skutch 5338 in bud

El gracilis Turrialba, 600 M, Lehm 3526 June 1, 1937

X *El gracilis*. Cano - near Siquirres, Lehm 1216, July 18, 1949

X *El gracilis* Golfo Dulce Cellier 5219, 3/9/1949.

X *El pittieriana*, Standley + Williams, Epiphyte, tree tops, forested hills, upper Rio Pacuare Blancos, Rio Espumas, Cellier 5592 May 3/1950, 30 M

X *El. pittieriana*, Prov Cartago, alt 1100 M, Tapanti, Roark 519 "/11/1957.

X *El pittieriana*, Prov Cartago, Platanillo, 950 M, Lehm 3345, Sept 2, 1937

El odorata Seem. Prov. Cartago. Slopes of Cerro Carpintera above Tres Ríos, Sept 3, 1944, Williams 16164

El. rozeana Jacq. Lower slopes of Volcán Rincón de la Vieja, R. Colorado, Prov. of Guanacaste, alt. 800 M, Jan. 4, 1964, Williams 26620

X *El. retundata* Standl. Prov Cartago, alt. 2600 M, Finca Hnos Cruz Calabianca, 7/26/51, Rent 282

X *El tonduzii* Standl. Tilapiana, Villa Colon, 900 M, Austin Smith P 2547, March 1940.

NYBC Account

New York & Shipboard

Aug 25 Lima to Callao 16.00

July Lima Advance 5.00

Bank Charge .50

Am freight Iquitos 10.00

July 25 Lima

Am passage Iquitos & Ret 144.00

Exploration

			Cashed	Date
New York Bot. Gaud.	No	42206	Lima	July 24, 1964
		207	Iquitos	July 31, 1964
		208	Iquitos	Aug 5, 1964
		209	Iquitos	Aug 24, 1964
		210	Rio (Brad. Herl. - Polst	Aug 30, 1964
		211		
		212		
		42213		

A.T.B.

American Express Co. Travelers Cheques.

		Cashed -	Date
Celia K. Maguire			
DA 78. 574. 803	20.00	Pd. Trav checks N.Y.	July 6, 1964.
804	"	Lima ~~Ricotte Jan~~ (P)	Aug. 29, 1964
805	"	Rio de Jan	Aug 29, 1964
806	"	Rio (15°50)	Sept 1, 1964
807	"	Montevideo (2340)	Sept. 3, 1964
808	"	Buenos Aires	Sept 6, 1964
809	"	Santiago	Sept. 16, 1964
810 ✓	"	New York	Oct. 19, 1964
811 ✓	"		
812 ✓	"	These checks amounting to 120.00 returned to Special Acct. A.T.B.	
813 ✓	"	037 - 013610. Oct. 19.	
814 ✓	"		
815 ✓	"		
816	"		
817	"		
P96. 109. 420	50.00	Lima (Tickets)	Aug 27, 1964
421	"	Lima "	" " "
422	"	Lima "	" " "
423	"	Lima "	" " "
424	"	Rio (1620 Cr.)	Aug. 31, 1964
425	" (Ticket)	Buenos Aires	Sept. 7, 1964.
426	"	Washington - Oct. 1964	
427 ✓	"	New York	Oct 19, 1964
428 ✓	"	Returned to Special Acct	
429 ✓	"	A.T.B 037 - 013610. Oct. 19.	

A.T.B.

American Express Co. Travelers cheques.

Bassett Maguire		Cashed- date
AA71·302·658	10-00 (152 Cr)	Rio Aug 31, 1964
659	"	Montevideo Sept 5, 1964
660	"	Montevideo Sept 5, 1964
661	"	Buenos Aires Sept 6, 1964
662	"	" " Sept 6, 1964.
663	" (Ticket)	Buenos Aires Sept. 7, 1964
664	"	Santiago Sept 10, 1964
665	" (26.00)	Lima Sept. 22, 1964
666	" (Shop. tips)	Baltimore Oct. 8, 1964
667	" " "	" " "
668	" " "	" " "
669	"	
670	"	
671	"	
672	"	
673	"	
674	"	
675	"	
676	"	
677	"	
RA 13·580·754	100.00	Lima (hotel) Aug 29, 1964
755	" (159)	Buenos Aires Sept. 7, 1964
756	" (159)	Buenos Aires Sept. 7, 1964
757	" (33)	Santiago Sept. 12, 1964
758	"	New York, Oct 19, deposit ATB 037-013610.
759	"	
760	"	
761	"	
762	"	
763	"	

July 10, 1964 - Dept New York 12:20 PM
July 11 Arrive Philadelphia 5:20 AM
July 11 Dept Philadelphia 4 PM
July 17 Arr Cartagena, Col 5:30 AM
July 17 Dept Cartagena 4:40 PM
July 18 Cristobal, C Z 6:00 P M
July 19 Dept Cristobal 5:00 P.M
July 19 Dept C Z. Pacific 12 Noon
July 22 Arr. Guayaquil 4 P M
July 22 Dept Guayaquil M. daylight
July 24 Arr Callao 5:00 P M
July 24 Arr Lima 10:00 P M
July 30 Dept. Lima 7:00 A M
July 30 Arr Iquitos 9:45 P M
Aug 6 Dept Iquitos 5:05 P M
Aug 6 Arr. Iparimaguas 9:40
Aug 6 Dept Iparimaguas 10:05
Aug 6. Arr. Tarapoto 10:35 P M.
Aug 7 Dept Tarapoto 11:00 A M
Aug 7 Arr Rioja 12 Noon
Aug 7 Arr. Chachapoya 1:00 P M
Aug 12. Dept. Chachapoya 9:00 A M
Aug 13, Arr Chiclayo 3 P M
Aug 15. Dept Chiclayo 3:30 P M
Aug 15 Arr. Lima 7 P.M.
Aug 18. Dept Lima 7:30 P M
Aug 18. Arr Iquitos 10:00 P M
Aug 21 Dept Iquitos 5:00 P M
Aug 21 - Aug 22 Rio Nanay
Aug. 25 Dept Iquitos 4:30 P M
Aug. 25 Arrive Lima 7:30 P M
Aug 29 Dept Lima 1:30 P.M.
Aug. 29 Arr. Rio. 7:30 P M
Aug 31 Dept Rio 8:15 A M
Aug 31 Arr. Brasilia 10:50 A M

Sept 2 Dept. Brasilia 11:15 A M
Sept. 2 Arr. São Paulo 1:50 P.M
Sept. 3 Dept. São Paulo 12:15 P M
Sept 3. Arr. Montevideo 4:00 P.M.
Sept. 5 Dept " 2:45 P M
Sept. 5 Arr B A. 3:30 P M
Sept. 6 Dept. B.A 8:46 A M
Sept. 6 Arr La Plata 10:00 A M
Sept. 6. Dept La Plata 6:00 P.M
Sept. 6 Arr. B.A 7:10 P.M.
Sept. 7. Dept B.A. 2:30 P M
Sept. 7. Arr. San Isidro 3:15 P.M
Sept. 7 Dept. Inst. Dorrego 6:00 P.M
Sept. 7. Arr B.A. 7:00 P.M
Sept. 9. Dept. B.A. 8:00 A M
Sept. 9 Arr. Tucuman 11:00 P.M
Sept. 10 Dept. Tucuman 11:00 P M
Sept. 10 Arr. Cordoba 3:30 P.M
Sept. 11 Dept. Cordoba 4:30 P.M
Sept 11 Arr Santiago 6:45. P.M
Sept. 16 Dept. Santiago 2:00 P M
Sept. 16 Arr Valparaiso 5:00 P.M
Sept. 17 Dept. Valparaiso (2:30 P M)
Sept 22. Arr. Callao (5:00 P.M.)
Sept. 24. Dept. Callao
Sept. Arr. Antofagasto 12 Noon.
Dept Antofagasto 7:00 P M
Arr. Guayaquil
Dept. Guayaquil
Sept. 28. Arr Buenaventura 8 P M
Sept. 29 Dept. Buenaventura 4:30 P.M
Sept. 30 Arr Balboa 8:00 P.M
Oct. 1 Dept. Cristobal 4:00 P M
Oct 5 Arr. Jacksonville 8:00 A.M.
Oct. 6. Dept. Jacksonville 6:00 P.M
Oct 7. Arr. Charleston 8:00 A M
Oct. 7. Dept. Charleston 7:00 P M.
Oct. 9 Arr. Baltimore 1:00 P.M.
Oct 9. Dept Baltimore 2:40 P M
Oct. 9. Arr. New York 7:35 P.M.

BASSETT MACHINE